C8850-1
11/15/88

TEXTILE ORGANON

Volume 59, No. 10 ☐ October 1988

A publication of *Textile Economics Bureau, Inc.*

Highlights

- U.S. Man-Made Fiber Textile Trade Balance: An Overview ... begins on page 220.
- Mill Consumption in Selected Countries ... see page 226.
- Selected U.S. Exports by Country of Destination ... see page 232.
- Quarterly Man-Made Fiber Data ... see page 234.

SHIPMENTS:

In September, U.S. total man-made fiber shipments were 774 million pounds, a 2 million pound decline from the previous month. Compared with the previous September, total fiber shipments were down 17 million pounds or 2%, but for the year to date they remained ahead 1%.

Fiber products showing the largest gains over the previous month include polyester staple up 6 million pounds, olefin yarn up 5 million pounds and polyester textile yarn up 2 million pounds. The product with the largest decline for the month was nylon staple, down 9 million pounds.

For the first three quarters of 1988, compared with the same period last year, total fiber shipments were up 84 million pounds. Included in that total are a 73 million pound increase in olefin yarn, a 26 million pound increase in cellulosic fiber, and a 23 million pound increase in polyester staple. The total also reflects a 42 million pound decline in nylon staple shipments.

TABLE 1:
TOTAL U.S. MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1988 SEP	1988 AUG	% CHG 8/88-9/88	1987 SEP	% CHG 9/87-9/88	YEAR TO DATE 1988	YEAR TO DATE 1987	% CHG YTD 1987-1988
CELLULOSIC								
YARN	18.1	18.6	*-2.7*	16.9	*+7.1*	161.1	140.0	*+15.1*
RAYON STAPLE	34.3	36.1	*-5.0*	39.9	*-14.0*	314.6	309.6	*+1.6*
TOTAL CELLULOSIC	**52.4**	**54.7**	***-4.2***	**56.8**	**-7.7**	**475.7**	**449.6**	***+5.8***
NONCELLULOSIC								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	29.2	28.8	*+1.4*	29.6	*-1.4*	280.2	281.0	*-0.3*
- CARPET	87.7	89.4	*-1.9*	89.1	*-1.6*	730.6	726.2	*+0.6*
- TEXTILE[a]	32.5	32.5	- -	33.5	*-3.0*	284.7	286.4	*-0.6*
POLYESTER - INDUSTRIAL	29.5	29.0	*+1.7*	30.7	*-3.9*	267.3	252.6	*+5.8*
- TEXTILE[a]	69.1	66.7	*+3.6*	72.0	*-4.0*	621.7	630.8	*-1.4*
OLEFIN	108.1	103.5	*+4.3*	107.0	*+1.0*	910.1	837.0	*+8.7*
TOTAL YARN	**356.1**	**350.0**	***+1.7***	**361.9**	***-1.6***	**3094.6**	**3014.0**	***+2.7***
STAPLE+TOW+FIBERFILL								
NYLON	81.3	90.0	*-9.7*	84.1	*-3.3*	717.5	759.6	*-5.5*
ACRYLIC+MODACRYLIC	51.8	53.2	*-2.6*	47.3	*+9.5*	442.2	447.5	*-1.2*
POLYESTER	202.1	195.7	*+3.3*	207.7	*-2.7*	1778.4	1755.3	*+1.3*
OLEFIN	30.2	32.1	*-5.9*	32.6	*-7.4*	272.0	270.9	*+0.4*
TOTAL STAPLE	**365.4**	**371.0**	***-1.5***	**371.7**	***-1.7***	**3210.1**	**3233.3**	***-0.7***
TOTAL NONCELLULOSIC	**721.5**	**721.0**	***+0.1***	**733.6**	***-1.6***	**6304.7**	**6247.3**	***+0.9***
TOTAL MAN-MADE FIBER	**773.9**	**775.7**	***-0.2***	**790.4**	***-2.1***	**6780.4**	**6696.9**	***+1.2***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS[b]	720.0	726.3	*-0.9*	739.5	*-2.6*	6337.4	6285.5	*+0.8*
EXPORTS[c]	53.9	49.4	*+9.1*	50.9	*+5.9*	443.0	411.4	*+7.7*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

Textile Organon

A Monthly Review

OCTOBER 1988

CONTENTS

Features

U.S. Man-Made Fiber Textile Trade Balance: An Overview 220-225
Graph 1: Index of U.S. Garment Trade Balance 220
Graph 2: U.S. Balance of Trade in Man-Made Fiber Manufactures 221
U.S. Imports, Exports & Balance in Man-Made Fiber & Manufactures 221
Graph 3: U.S. Balance of Trade in Man-Made Fiber vs. Man-Made Fiber Manufactures 222
U.S. Imports, Exports & Balance in Man-Made Fiber 222
U.S. Imports, Exports & Balance in Man-Made Fiber Manufactures 222
Graph 4: U.S. Import & Export Balance in Man-Made Fiber Manufactures 223
U.S. Imports, Exports & Balance in Man-Made Fiber Manufactures (Excluding Trade in Garments) 223
U.S. Garments Trade Balance 223
U.S. Imports, Exports & Balance in Man-Made Fiber & Manufactures, Cotton Manufactures & Wool Manufactures 224
Summary of U.S. Imports, Exports & Balance in Man-Made Fibers & Manufactures 225

Mill Consumption of Man-Made Fiber, Cotton & Wool in Selected Countries 226

Industry Regulars

Total Man-Made Fiber Shipments 217

Datagram 219

Monthly U.S. Man-Made Fiber Data 227-229
Imports by Country of Origin 227
Exports by Fiber 228
Imports by Fiber 229

U.S. Import/Export Update 230-231
U.S. Exports of Man-Made Fibers 230
U.S. Imports of Man-Made Fibers 231

Selected U. S. Exports by Country of Destination 232-233

Quarterly Man-Made Fiber Data 234-235
Filament Yarn Domestic Shipments 234
Staple+Tow Domestic Shipments 235

Selected U.S. Monthly Fiber Data 236

TEXTILE ECONOMICS BUREAU, INC.
President
Rosemarie D. Frick

Editor, Textile Organon
David S. Morey

Publishing Headquarters:
Textile Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107
Facsimile: (201) 228-7598

ISSN 0040-5132

Copyright © 1988
Textile Economics Bureau, Inc.

TEXTILE ORGANON is published monthly. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription Rates
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	160.00	230.00
Schools & Nonprofit	60.00	85.00
Single Issues:		
June	60.00	90.00
September	60.00	90.00
All Others	30.00	50.00

Issues are sent by 1st class mail to U.S. subscribers and by airmail to foreign subscribers.

New Subscription Rates - Effective January 1, 1989
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	175.00	250.00
Schools & Nonprofit	75.00	125.00
Single Issues:		
June	100.00	150.00
September	60.00	90.00
All Others	30.00	50.00

DATAGRAM

U.S. GARMENT IMPORT TRADE BALANCE INCREASED 11% IN 1987

The import balance in the U.S. garment trade increased 96 million pounds or 11% in 1987 to reach a new high of 951 million pounds. This quantity is 378% of the 1980 level. This apparel import balance growth reflects a 104 million pound increase of apparel imports. (See Table 5)

U.S. IMPORT BALANCE IN FIBER MANUFACTURES INCREASED 3% IN 1987

The import balance of man-made fiber manufactures (including garments) increased 30 million pounds, or 3% in 1987, to reach 1,214 million pounds. Imports, excluding garments, at 772 million pounds were virtually unchanged since the previous year. However, 1987 imports were at a level which was 477% of the 162 million pounds imported in 1980. Exports excluding garments were ahead 65 million pounds or 15% for the year, but at the 509 million pound level were still 21% less than the 644 million pounds exported in 1980. (See Table 4A)

MILL CONSUMPTION INCREASED IN SELECTED COUNTRIES

Between 1986 and 1987, U.S. mill consumption of man-made, cotton and wool fibers increased 7% or 835 million pounds to reach a total of 12,755 million pounds. In the same period, mill consumption in Japan increased 10% or 479 million pounds to reach 5,138 million pounds according to data collected by the Japan Chemical Fibers Association. The latest data (1986) available from C.I.R.F.S. indicates a one year gain of 243 million pounds or 3% in the E.E.C. countries. Based on data from the Taiwan Man-Made Fiber Industries Association, mill consumption in that country increased 239 million pounds, or 7% in 1987, to reach the 3,891 million pound level. (See Table 7)

EASTMAN TO REDUCE POLYESTER STAPLE CAPACITY

Eastman will phase out 240 million pounds/year of polyester staple fiber capacity over the next 18 months. The plant concerned is located in Columbia, SC and serves the weaving market. Eastman's second plant in Kingsport, TN will remain in production to serve their other markets. (Eastman Chemical Products, Inc. news release)

U.S. MAN-MADE FIBER TEXTILE TRADE BALANCE: AN OVERVIEW

In 1987, the U.S. balance of trade in man-made fiber and manufactures remained at a high import balance level. Imports themselves increased 105 million pounds or 5% to reach 2192 million pounds. Exports also increased by 140 million pounds to reach 1345 million pounds. The net balance therefore is an import trade balance of 848 million pounds, a level close to the record import balance reached in 1986. (See Table 2)

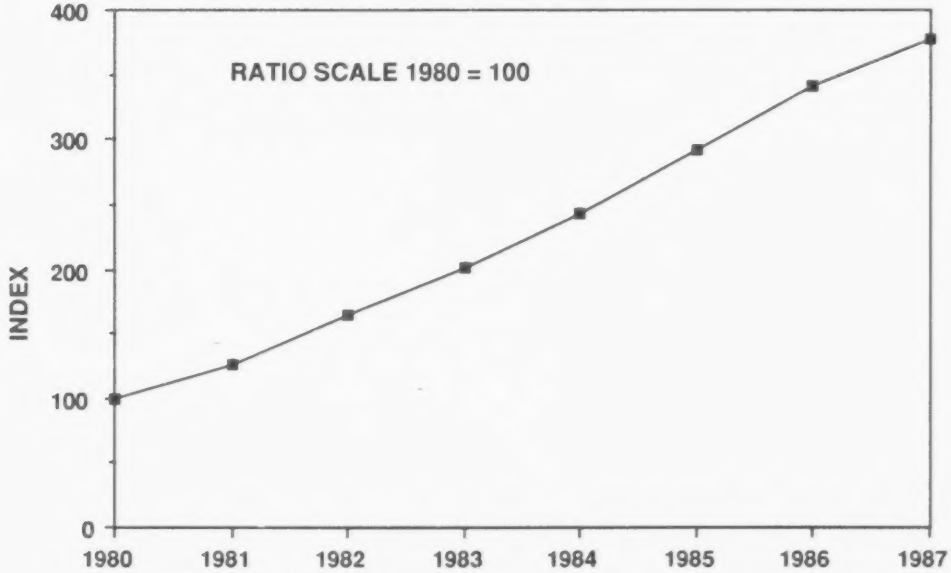
The continuing rapid growth of garment imports represents the major factor causing the overall import balance. In 1987 the garment import trade balance increased 96 million pounds or 11% to reach 951 million pounds. Since 1980 the garment import balance has been growing at an average 21% annual rate. (See Table 4B)

As shown in Graph 1, the index of garment import trade balance has grown steadily since 1980. With 1980 as being the base point of 100, the 1987 index rose to 378.

The U.S. balance of trade in man-made fiber manufactures, excluding garments, was an import balance of 263 million pounds. The imports themselves at 772 million pounds were at almost the same level as 1986. However, a 65 million pound increase in exports produced a corresponding reduction in the import trade balance for 1987.

Man-made fibers alone experienced a 366 million pound export trade balance. That figure is 64 million pounds above the 1986 quantity, but still well below the levels of the early 1980's. (See Graph 3)

GRAPH 1: INDEX OF U.S. GARMENT IMPORT TRADE BALANCE 1980 - 1987



NOTE: Indexed from import balance in million pounds from Table 4B.

GRAPH 2:
U.S. BALANCE OF TRADE IN MAN-MADE FIBER & MANUFACTURES
1980 - 1987

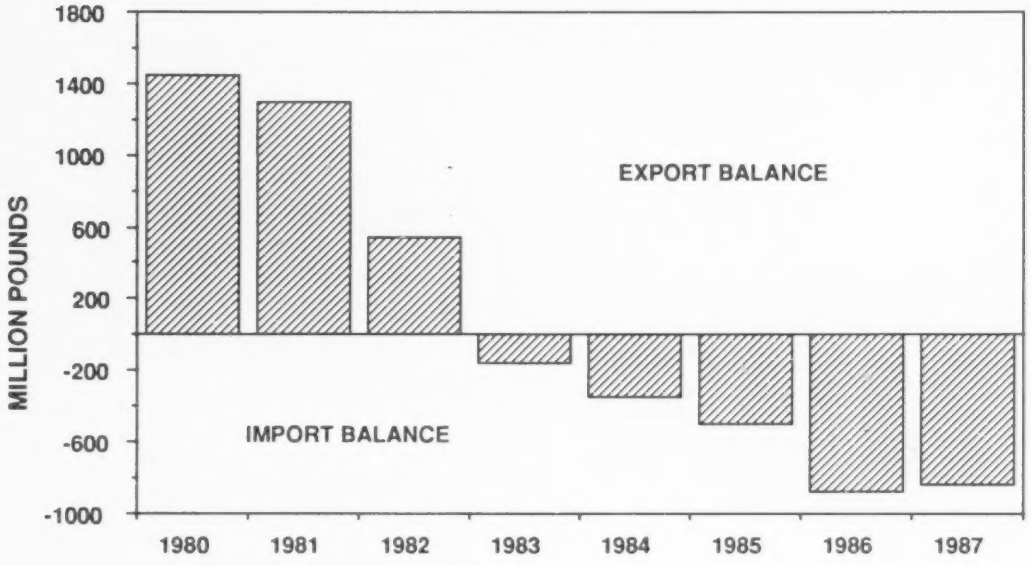


TABLE 2:
U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBER & MANUFACTURES
1980-1987

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]	
1980	636.3	2079.8	1443.5	E
1981	796.4	2088.7	1292.3	E
1982	831.5	1374.3	542.8	E
1983	1287.9	1130.8	157.1	I
1984	1641.8	1316.0	325.8	I
1985	1822.4	1316.7	505.7	I
1986	2086.6	1204.6	882.0	I
1987	2192.0	1344.5	847.5	I

SOURCE: U.S. Census Bureau Report IM146 and EM546. U.S. Department of Agriculture, ***Cotton & Wool Outlook and Situation Report.***
a. **I** Import Balance. **E** Export Balance.

GRAPH 3:
U.S. BALANCE OF TRADE IN MAN-MADE FIBER VS. MAN-MADE FIBER MANUFACTURES
1980 - 1987

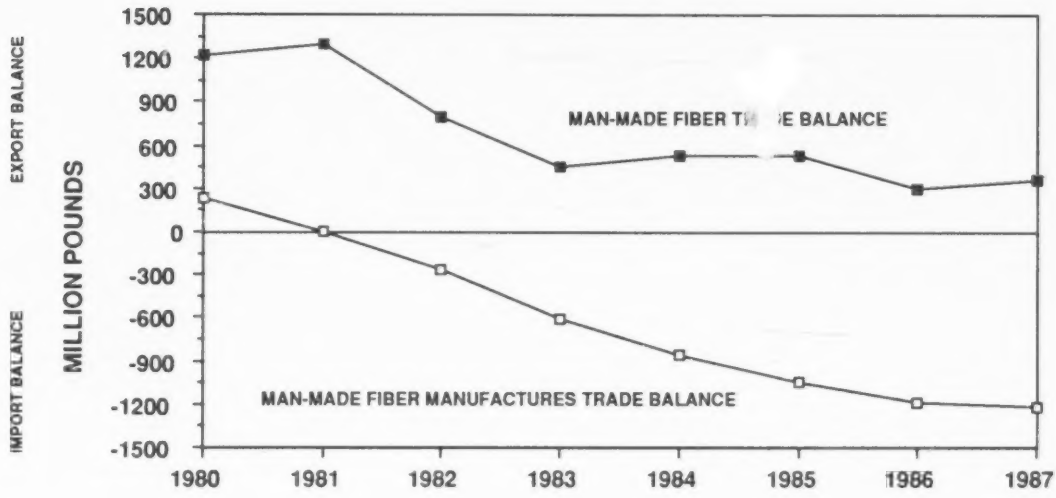


TABLE 3A:
U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBER
1980 -1987
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]	
1980	95.7	1308.3	1212.6	E
1981	157.3	1451.0	1293.7	E
1982	133.5	935.8	802.3	E
1983	218.5	670.1	451.6	E
1984	299.2	828.1	528.9	E
1985	331.4	867.6	536.2	E
1986	383.7	685.3	301.6	E
1987	386.6	752.6	366.0	E

TABLE 3B:
U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBER MANUFACTURES
1980-1987
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]	
1980	540.6	771.5	230.9	E
1981	639.1	637.7	1.4	I
1982	698.0	438.5	259.5	I
1983	1069.4	460.7	608.7	I
1984	1342.6	487.9	854.7	I
1985	1491.0	449.1	1041.8	I
1986	1702.9	519.3	1183.6	I
1987	1805.4	591.9	1213.5	I

SOURCE: U.S. Census Bureau Report IM146 and EM546. U.S. Department of Agriculture, ***Cotton & Wool Outlook and Situation Report.***
a. **I** Import Balance. **E** Export Balance.

GRAPH 4:
U.S. IMPORT & EXPORT BALANCE IN MAN-MADE FIBER MANUFACTURES
1980 - 1987

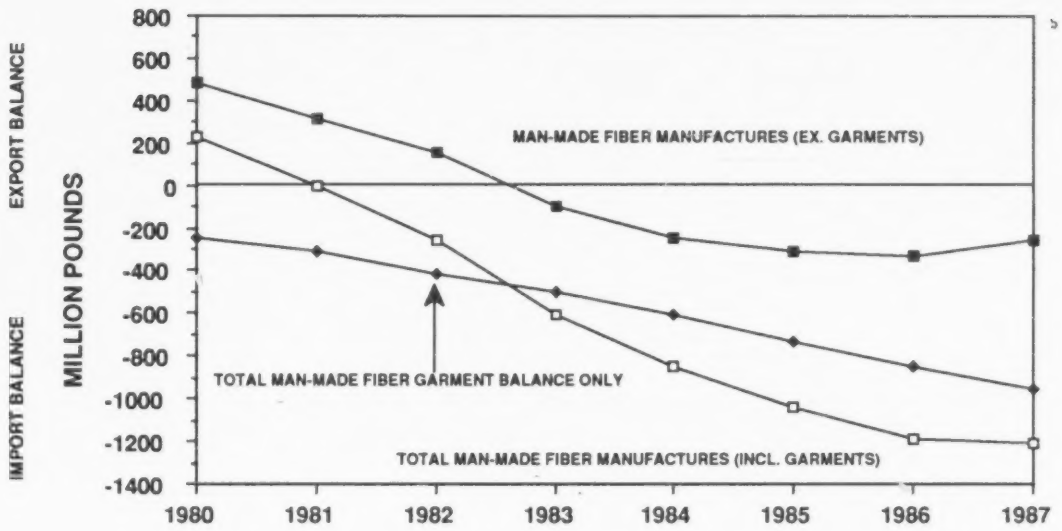


TABLE 4A:
U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBER MANUFACTURES (EXCLUDING TRADE IN GARMENTS)
1980-1987
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]
1980	162.0	644.4	482.4 E
1981	202.0	517.0	315.0 E
1982	211.5	363.3	151.8 E
1983	493.4	389.9	103.5 I
1984	655.1	408.4	246.7 I
1985	690.9	383.9	307.0 I
1986	773.6	444.4	329.2 I
1987	772.2	509.3	262.9 I

TABLE 4B:
U.S. GARMENTS TRADE BALANCE
1980-1987
MILLION POUNDS

YEAR	BALANCE [a]
1980	251.5 I
1981	315.4 I
1982	411.3 I
1983	505.2 I
1984	608.0 I
1985	734.9 I
1986	854.4 I
1987	950.6 I

SOURCE: U.S. Census Bureau Report IM146 and EM546. U.S. Department of Agriculture, ***Cotton & Wool Outlook and Situation Report.***
a. I Import Balance. **E** Export Balance.

TABLE 5:
U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

THOUSAND POUNDS

PRODUCTS	1984			1985			1986			1987		
	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]
RAYON+ACETATE												
YARN+MONOFILAMENTS	9981	8834	1147 I	13923	10629	3294 I	16963	7346	9617 I	12811	6427	6384 I
STAPLE+TOW	16993	55972	38979 E	12308	37824	25516 E	17428	32566	15138 E	13824	34502	20678 E
WASTE	530	1632	1102 E	479	1207	728 E	121	2222	2101 E	85	1090	1005 E
SUBTOTAL	**27504**	**66438**	**38934 E**	**26710**	**49660**	**22950 E**	**34512**	**42134**	**7622 E**	**26720**	**42019**	**15299 E**
NONCELLULOSIC FIBERS												
YARN+MONOFILAMENTS	89992	242455	152463 E	104561	325803	221242 E	126057	255572	129515 E	123930	231182	107252 E
STAPLE+TOW	131159	429563	298404 E	159446	416512	257066 E	182790	263914	81124 E	188985	365929	176944 E
WASTE	50547	89659	39112 E	40673	75645	34972 E	40303	123696	83393 E	46957	113527	66570 E
SUBTOTAL	**271698**	**761677**	**489979 E**	**304680**	**817960**	**513280 E**	**349150**	**643182**	**294032 E**	**359872**	**710638**	**350766 E**
TOTAL FIBER [b]	**299202**	**828115**	**528913 E**	**331390**	**867620**	**536230 E**	**383662**	**685316**	**301654 E**	**386592**	**752657**	**366065 E**
MAN-MADE FIBER MANUFACTURES [c]												
SLIVER, TOPS & ROVING	4689	5681	992 E	2057	8543	6486 E	3424	4632	1208 E	5793	5191	602 I
SPUN YARNS	46265	26228	20037 I	45541	37748	7793 I	64540	38228	26312 I	63516	42737	20779 I
THREAD & CRAFT YARNS	5719	6419	700 E	9670	4773	4897 I	4730	5042	312 E	8850	5967	2883 I
TIRE CORD & FABRIC	466	31329	30863 E	915	30350	29435 E	2676	46290	43614 E	5599	53760	48161 E
WOVEN FABRIC	154947	109400	45547 I	186198	124873	61325 I	207180	134581	72599 I	182515	152653	29862 I
KNIT FABRICS	3043	12865	9822 E	9700	11832	2132 E	12496	11719	777 I	14569	11607	2962 I
NARROW FABRICS	12441	30331	17890 E	18449	21875	3426 E	25308	37949	12641 E	14636	45647	31011 E
APPAREL - KNIT	270573	}79445	608023 I	341372	}65225	734878 I	431179	}74906	854452 I	485359	}82532	950692 I
- NOT KNIT	416895			458731			498179			547865		
HOME FURNISHINGS		102770			70291			86817			100989	
OTHER	}427531	83400	}241361 I	}418393	73632	}274470 I	}453240	79141	}287282 I	}476740	90785	}284966 I
TOTAL MANUFACTURES	**1342569**	**487868**	**854701 I**	**1491026**	**449142**	**1041884 I**	**1702952**	**519305**	**1183647 I**	**1805442**	**591868**	**1213574 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**1641771**	**1315983**	**325788 I**	**1822416**	**1316762**	**505654 I**	**2086614**	**1204621**	**881993 I**	**2192034**	**1344525**	**847509 I**
COTTON MANUFACTURES [d]	**1465575**	**206081**	**1259494 I**	**1629166**	**213224**	**1415942 I**	**1910477**	**274828**	**1635649 I**	**2335692**	**298004**	**2037688 I**
WOOL MANUFACTURES [e]	**210165**	**12028**	**198137 I**	**264822**	**17761**	**247061 I**	**275623**	**16030**	**259593 I**	**276092**	**23461**	**252631 I**

SOURCES: The man-made fiber import and export data are from the U.S. Census Bureau Reports IM146 and EM546.

The man-made, cotton and wool manufactures data are from U.S. Department of Agriculture ***"Cotton and Wool Outlook Situation."***

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; glass fiber is excluded.

a. **E** Export Balance; **I** Import Balance.

b. The fibers included are shown as ***"Total Man-Made Fiber Above"*** on pages 230 and 231 of this issue.

c. Man-made fiber equivalent.

d. Raw cotton equivalent. Data are similiar to those on page 180 of the August 1988 ***TEXTILE ORGANON***.

e. Raw wool content. The data differ from those on page 180 of the August 1988 ***TEXTILE ORGANON*** to the extent that noils and waste are included here.

TABLE 6:
SUMMARY OF U.S. IMPORTS, EXPORTS & BALANCE IN MAN-MADE FIBERS & MANUFACTURES
MILLION POUNDS

ITEM	1984	1985	1986	1987
IMPORTS				
TOTAL FIBER [a]	299.2	331.4	383.7	386.6
TOTAL MANUFACTURES [b]	1342.6	1491.0	1702.9	1805.4
TOTAL IMPORTS	**1641.8**	**1822.4**	**2086.6**	**2192.0**
EXPORTS				
TOTAL FIBER [a]	828.1	867.6	685.3	752.6
TOTAL MANUFACTURES [b]	487.9	449.1	519.3	591.9
TOTAL EXPORTS	**1316.0**	**1316.7**	**1204.6**	**1344.5**
BALANCE [c]	325.7 I	505.7 I	882.0 I	847.5 I
U.S. PRODUCTION [d]	8328.7	8390.3	8718.7	9153.9
U.S. NET AVAILABLE	8654.5	8896.0	9600.7	10001.4
IMPORTS AS % OF PRODUCTION	*19.7*	*21.7*	*23.9*	*23.9*
EXPORTS AS % OF PRODUCTION	*15.8*	*15.7*	*13.8*	*14.7*

a. As shown in Total Fiber in Table 5, page 224 of this issue.
b. As shown in Total Manufactures in Table 5, page 224 of this issue.
c. **E** Export Balance; **I** Import Balance.
d. Production of yarn, monofilaments, staple+tow (excluding glass fiber) and producers' shipments of waste from the March 1988 ***Textile Organon***, pages 48 and 52.

TABLE 7:
MILL CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL IN SELECTED COUNTRIES

MILLION POUNDS & *PERCENT*

YEAR	GRAND TOTAL		COTTON		WOOL		MAN-MADE FIBERS		MAN-MADE FIBER DETAIL							
									CELLULOSIC				NONCELLULOSIC			
									TOTAL		YARN	STAPLE	TOTAL		YARN	STAPLE
	LBS	%[a]	LBS	%[a]	LBS	%[a]	LBS	%[a]	LBS	%[a]	LBS	LBS	LBS	%[a]	LBS	LBS
U.S.A.[b]																
1980	11088	*100*	3064	*27.7*	138	*1.2*	7886	*71.1*	741	*6.7*	325	416	7145	*64.4*	3552	3593
1981	10606	*100*	2731	*25.8*	153	*1.4*	7722	*72.8*	715	*6.7*	284	431	7007	*66.1*	3502	3505
1982	9263	*100*	2479	*26.8*	130	*1.4*	6654	*71.8*	522	*5.6*	206	316	6132	*66.2*	2918	3214
1983	10954	*100*	2796	*25.5*	163	*1.5*	7995	*73.0*	599	*5.5*	242	357	7396	*67.5*	3434	3962
1984	10621	*100*	2668	*25.1*	163	*1.5*	7790	*73.4*	588	*5.6*	228	360	7202	*67.8*	3399	3803
1985	10967	*100*	2796	*25.5*	135	*1.2*	8036	*73.3*	546	*5.0*	201	345	7490	*68.3*	3664	3826
1986	11920	*100*	3302	*27.7*	165	*1.4*	8453	*70.9*	608	*5.1*	209	399	7845	*65.8*	3747	4098
1987	12755	*100*	3743	*29.4*	168	*1.3*	8844	*69.3*	586	*4.6*	180	406	8258	*64.7*	3927	4331
JAPAN[c]																
1980	862	*100*	1576	*32.4*	307	*6.3*	2979	*61.3*	549	*11.3*	170	379	2430	*50.0*	1258	1172
1981	4676	*100*	1533	*32.8*	307	*6.6*	2836	*60.6*	525	*11.2*	155	370	2311	*49.4*	1206	1105
1982	4900	*100*	1724	*35.2*	349	*7.1*	2827	*57.7*	530	*10.8*	152	378	2297	*46.9*	1165	1132
1983	4636	*100*	1457	*31.4*	310	*6.7*	2869	*61.9*	531	*11.5*	137	394	2338	*50.4*	1197	1141
1984	4912	*100*	1553	*31.6*	363	*7.4*	2996	*61.0*	550	*11.2*	145	405	2446	*49.8*	1253	1193
1985	4819	*100*	1486	*30.9*	377	*7.8*	2956	*61.3*	535	*11.1*	143	392	2421	*50.2*	1236	1185
1986	4659	*100*	1534	*32.9*	340	*7.3*	2785	*59.8*	508	*10.9*	136	372	2277	*48.9*	1169	1108
1987	5138	*100*	1845	*35.9*	385	*7.5*	2908	*56.6*	483	*9.4*	134	349	2425	*47.2*	1234	1191
EEC[d]																
1980	7447	*100*	1996	*26.8*	958	*12.9*	4493	*60.3*	1075	*14.4*	367	708	3418	*45.9*	1364	2054
1981	7187	*100*	1828	*25.4*	910	*12.7*	4449	*61.9*	985	*13.7*	317	668	3464	*48.2*	1379	2085
1982	6967	*100*	1943	*27.9*	827	*11.9*	4197	*60.2*	921	*13.2*	282	639	3276	*47.0*	1320	1956
1983	7246	*100*	1960	*27.1*	815	*11.2*	4471	*61.7*	911	*12.6*	274	637	3560	*49.1*	1398	2162
1984	8918	*100*	2508	*28.1*	927	*10.4*	5483	*61.5*	1089	*12.2*	321	768	4394	*49.3*	1693	2701
1985	9299	*100*	2505	*26.9*	936	*10.1*	5858	*63.0*	1150	*12.4*	361	789	4708	*50.6*	1799	2909
1986	9542	*100*	2656	*27.9*	936	*9.8*	5950	*62.3*	1127	*11.8*	351	776	4823	*50.5*	1854	2969
1987							DATA NOT AVAILABLE									
TAIWAN[e]																
1980	1866	*100*	505	*27.0*	31	*1.7*	1330	*71.3*								
1981	1867	*100*	525	*28.1*	31	*1.7*	1311	*70.2*								
1982	2005	*100*	558	*27.8*	37	*1.9*	1410	*70.3*								
1983	2309	*100*	597	*25.9*	40	*1.7*	1672	*72.4*	DETAIL NOT AVAILABLE							
1984	2656	*100*	644	*24.2*	42	*1.6*	1970	*74.2*								
1985	3150	*100*	950	*30.2*	32	*1.0*	2168	*68.8*								
1986	3652	*100*	970	*26.6*	53	*1.4*	2629	*72.0*								
1987	3891	*100*	983	*25.3*	56	*1.4*	2852	*73.3*								

a. The percentages in these columns show the share of each fiber in the specified year. They add to the 100% shown in each of the Grand Total Columns.

b. Mill Consumption is taken from pages 74 and 75 of the 1988 April ***Textile Organon.*** Glass and Other Fibers are excluded.

c. **Source:** Japan Chemical Fibers Association.

d. **Source:** C.I.R.F.S. The EEC Countries in this table are: Belgium, France, Italy, Luxembourg, Netherlands, Germany, Fed. Rep. of and the U.K.

e. **Source:** Man-Made: Taiwan Man-Made Fiber Industries Association
Cotton: Secretariat of the International Cotton Advisory Committee
Wool: Commonwealth Secretariat International Wool Textile Organization

TABLE 8:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRIA	0	0	0	0	0	0	0	0					0	244
BRAZIL	54	0	28	55	28	13	69	29					276	358
CANADA	426	481	507	292	592	827	427	739					4291	1963
GERMANY, FED. REP. OF	353	635	281	227	388	313	358	355					2910	3148
JAPAN	277	131	45	121	62	63	54	17					770	423
MEXICO	62	53	18	81	70	68	115	86					553	345
NETHERLANDS	190	229	228	289	142	104	176	218					1576	692
ALL OTHER COUNTRIES [a]	11	1	21	67	44	178	35	86					443	127
TOTAL CELLULOSIC YARN	**1373**	**1530**	**1128**	**1132**	**1326**	**1566**	**1234**	**1530**					**10819**	**7300**
CELLULOSIC STAPLE+TOW														
CANADA	1086	774	974	797	1355	1551	1309	2131					9977	8084
ITALY	34	73	19	0	-33	0	39	32					230	521
JAPAN	99	0	91	46	37	68	101	45					487	691
SWEDEN	0	41	45	0	20	0	0	0					106	219
UNITED KINGDOM	57	0	79	54	0	24	113	50					377	258
ALL OTHER COUNTRIES [b]	28	0	10	51	43	+	70	2					204	115
TOTAL CELLULOSIC STAPLE+TOW	**1304**	**888**	**1218**	**948**	**1488**	**1643**	**1632**	**2260**					**11381**	**9886**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
BELGIUM	1436	1117	1665	894	172	530	803	630					7247	8199
BRAZIL	0	7	0	199	169	109	92	203					779	3
CANADA	1448	1872	2220	2156	2451	1677	1568	2139					15531	12252
COSTA RICA	606	570	654	533	514	523	692	442					4534	4703
DENMARK	0	0	0	0	61	30	60	0					151	185
FRANCE	767	588	716	338	272	712	642	960					4995	4064
GERMANY, FED. REP. OF	1074	1355	1968	1078	1495	1146	1130	1342					10588	16250
IRELAND	37	34	74	114	150	78	192	114					793	378
ISRAEL	388	309	123	304	182	254	273	281					2114	1617
ITALY	761	811	177	1678	942	412	1403	829					7013	7953
JAPAN	648	212	729	277	282	338	304	337					3127	5180
KOREA, REP. OF	3	23	33	63	0	40	1	0					163	239
MEXICO	1428	2004	1547	978	1622	1660	1545	1659					12443	13298
NETHERLANDS	49	42	26	31	57	4	16	10					235	894
ROMANIA	12	58	40	160	122	519	0	0					911	145
SINGAPORE	81	41	44	19	34	35	23	23					300	331
TAIWAN	12	26	12	53	69	34	70	103					379	416
UNITED KINGDOM	676	753	220	632	917	751	819	1050					5818	5605
ALL OTHER COUNTRIES [c]	192	179	167	58	54	156	147	152					1105	1788
TOTAL NONCELLULOSIC YARN	**9618**	**10001**	**10415**	**9565**	**9565**	**9008**	**9780**	**10274**					**78226**	**83520**
NONCELLULOSIC STAPLE+TOW														
AUSTRIA	601	727	752	1321	296	481	506	867					5551	1297
AUSTRALIA	38	0	36	19	0	693	46	18					850	128
BELGIUM	35	0	18	18	634	0	18	193					916	164
BRAZIL	0	0	0	499	0	0	0	0					499	1673
CANADA	2003	2183	2981	2221	2797	1824	2353	2020					18382	20884
FRANCE	934	799	800	957	1257	934	826	1220					7727	5418
GERMANY, FED. REP. OF	2738	3040	2503	2478	3319	2475	2793	3377					22723	19271
INDIA	0	0	0	0	2575	2050	1556	2239					8420	1
IRELAND	80	123	162	325	422	240	362	201					1915	666
ITALY	130	362	145	241	5	37	44	190					1154	9613
JAPAN	1963	2057	1894	2166	1912	3095	1771	3016					17874	16115
KOREA, REP. OF	1355	1516	1456	1580	1295	1604	2058	1908					12772	7714
MALAYSIA	0	95	48	48	0	95	48	48					382	468
MEXICO	303	549	210	502	985	1043	822	800					5214	15309
ROMANIA	448	0	86	664	-230	893	0	0					2321	3327
SWITZERLAND	102	21	153	189	123	122	160	127					997	697
TAIWAN	1986	1109	1425	1112	1024	1384	549	1172					9761	15540
UNITED KINGDOM	1604	1503	2175	1920	1777	1745	1184	2046					13954	9802
ALL OTHER COUNTRIES [d]	22	30	12	85	0	19	146	283					597	846
TOTAL NONCELLULOSIC STAPLE+TOW	**14342**	**14114**	**14856**	**16345**	**18651**	**18734**	**15242**	**19725**					**132009**	**128933**

\+ Less than 1 thousand pounds.

a. United Kingdom 122, Singapore 108, Morocco 71, France 65, Korea, Rep. of 51, Taiwan 19, Italy 7.

b. Austria 111, France 61, Australia 25, Germany, Fed. Rep. of 2, Luxembourg 2, Mexico 2, Belgium 1.

c. Spain 266, Chile 201, Sweden 102, Australia 145, Argentina 97, Norway 97, Turkey 81, Switzerland 61, Austria 33, China, PRC 11, Hong Kong 10, Vatican City 1, Egypt, Greece, India.

d. Gibraltar 259, Israel 93, New Caledonia 70, Netherlands 60, Finland 57, Hong Kong 39, Spain 8, China, PRC 6, Egypt 3, Portugal 2, Philippines.

TABLE 9:
U.S. EXPORTS OF MAN-MADE FIBER
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
FILAMENT YARN [a]															
TEXTURED	310.0004	27	2	6	31	61	5	11	59					202	362
OTHER [b]	310.0026	683	991	556	1220	1231	1269	582	1212					7744	3782
MONOFILAMENTS	309.0110	89	36	5	36	9	45	0	28					248	41
STRIPS	309.2210	0	23	0	0	10	2	0	1					36	71
SUBTOTAL ABOVE		**799**	**1052**	**567**	**1287**	**1311**	**1321**	**593**	**1300**					**8230**	**4256**
STAPLE+TOW-RAYON	309.4222	1019	1907	1702	1468	2682	2250	1615	2034					14677	25159
STAPLE-ACETATE	309.4219	89	66	309	329	146	97	209	126					1371	1033
SUBTOTAL ABOVE		**1108**	**1973**	**2011**	**1797**	**2828**	**2347**	**1824**	**2160**					**16048**	**26192**
WASTE, ADVANCED&NOT ADVANCED	309.7400	**143**	**251**	**198**	**86**	**263**	**42**	**432**	**235**					**1650**	**831**
NONCELLULOSIC FIBER															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	3651	4775	4929	3355	4209	4685	5391	3916					34911	22256
- HIGH TENACITY [c]	310.0027	8372	8470	8040	6580	6438	6533	8344	4836					57613	54868
- OTHER	310.0029	786	1111	904	1186	1068	819	1072	978					7924	5826
POLYESTER - TEXTURED	310.0010	1739	2796	3405	2979	3311	2690	2371	5279					24570	18054
- HIGH TENACITY [c]	310.0032	1421	1817	2189	2281	2706	2059	2534	2410					17417	17321
- OTHER [d]	310.0034	207	225	265	284	135	68	239	134					1557	1243
OTHER - TEXTURED	310.0014	1067	1904	2220	1725	2118	1459	1720	1640					13853	11338
- OLEFIN	310.0040	83	626	121	143	161	160	258	322					1874	480
- OTHER	310.0044	360	729	886	802	688	699	507	468					5139	4471
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	658	728	515	983	523	623	289	649					4968	4382
POLYESTER	309.0140	1641	1789	2345	1784	1871	1713	1992	1990					15125	6655
OTHER	309.0170	680	901	768	769	847	603	553	705					5826	4819
STRIPS	309.2220 & .2270	415	192	277	442	454	394	346	377					2897	2971
SUBTOTAL ABOVE		**21080**	**26063**	**26864**	**23313**	**24529**	**22505**	**25616**	**23704**					**193674**	**154684**
STAPLE - NYLON	309.4240	2423	1511	1760	981	1387	1491	1575	2125					13253	14237
- POLYESTER	309.4242	13519	7586	10316	10132	11435	11625	13750	11140					89503	120733
- ACRYLIC	309.4245	17224	11389	16118	7723	12187	4510	8350	11085					88586	32707
- OLEFIN	309.4246	1488	1604	2696	2137	1784	1876	1683	561					13829	14962
- OTHER	309.4247	1228	1696	3193	1951	2312	2229	1358	2437					16404	26652
GROUPED FILAMENTS															
NYLON	309.3220	693	497	469	339	601	746	639	761					4745	3161
POLYESTER [d]	309.3240	2108	1330	2067	794	2046	1953	1230	1764					13292	13535
ACRYLIC	309.3250 & .3255	4967	2172	3809	2267	3498	2338	3049	1753					23853	16253
SUBTOTAL ABOVE		**43650**	**27785**	**40428**	**26324**	**35250**	**26768**	**31634**	**31626**					263465	242240
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	685	1210	1189	1492	1287	2199	1489	1661					11212	7866
- POLYESTER	309.7630	3959	4435	6616	4231	4813	5219	3829	6994					40096	37154
- ACRYLIC	309.7640	312	1219	923	676	970	795	671	597					6163	6692
- OTHER	309.7660	3765	3582	3138	3474	3605	3309	3019	3970					27862	22379
SUBTOTAL ABOVE		**8721**	**10446**	**11866**	**9873**	**10675**	**11522**	**9008**	**13222**					**85333**	**74091**
TOTAL MAN-MADE ABOVE		**75501**	**67570**	**81934**	**62680**	**74856**	**64505**	**69107**	**72247**					**568400**	**502294**
GLASS FIBER	309.2700 & .9700	8813	9352	9114	8934	7139	8164	9712	9075					70303	56639
GRAND TOTAL ABOVE		**84314**	**76922**	**91048**	**71614**	**81995**	**72669**	**78819**	**81322**					**638703**	**558933**

SOURCE: U.S. Census Bureau Report EM522.

+ Less than 1 thousand pounds.

a. Includes singles and plied yarn.

b. Includes rayon tire cord.

c. Includes noncellulosic tire cord.

d. Includes zero twist yarns.

TABLE 10:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	+	0	64	18	16	61	56					215	290
OTHER	310.0130 & .0230[a]	1362	1468	1021	995	1210	1412	1173	1318					9959	6885
MONOFILAMENTS	309.0310 & .0610	0	+	0	1	1	0	0	3					5	5
STRIPS, $1/LB & UNDER	309.2000*	11	62	107	72	97	138	0	153					640	120
SUBTOTAL ABOVE		**1373**	**1530**	**1128**	**1132**	**1326**	**1566**	**1234**	**1530**					**10819**	**7300**
STAPLE	309.4320 & .4325	1182	888	1107	934	1354	1492	1406	2123					10486	9301
GROUPED FILAMENTS	309.3010 & .3310	122	0	111	14	134	151	226	137					895	587
SUBTOTAL ABOVE		**1304**	**888**	**1218**	**948**	**1488**	**1643**	**1632**	**2260**					**11381**	**9888**
WASTE, ADVANCED&NOT ADVANCED	309.6615 & .7510	0	+	0	0	0	0	0	0					+	28
NONCELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450 DENIER	310.0107 & .0207	341	297	204	271	150	176	175	235					1849	1254
450 DENIER AND OVER	310.0108 & .0208	1503	1643	1531	2018	1472	1080	1980	1970					13197	18976
- POLYESTER	310.0110 & .0210	989	1368	1024	881	1327	1749	1033	1116					9487	10205
- OTHER	310.0114 & .0214	2158	1830	2815	1920	1882	1811	2313	1978					16707	15075
OTHER - NYLON	310.0149 & .0249	1154	1567	1602	1249	1672	1267	1216	1782					11509	16059
- POLYESTER	310.0150 & .0250	2153	1631	1734	1657	1707	1719	1981	1964					14546	13251
- OTHER	310.0170 & .0270[b]	762	1085	876	922	469	453	418	493					5478	4639
MONOFILAMENTS	309.0200 & .0330[c]	381	384	307	374	454	483	380	459					3222	2371
STRIPS, OVER $1/LB	309.2100 & .2500*	177	196	322	273	432	270	284	277					2231	1690
SUBTOTAL ABOVE		**9618**	**10001**	**10415**	**9565**	**9565**	**9008**	**9780**	**10274**					**78226**	**83520**
STAPLE - NYLON	309.4331 & .4351	1696	1306	1915	2115	1707	1284	1468	1724					13215	28862
- POLYESTER	309.4336 & .4361	4653	5670	4716	4932	7498	8268	6130	8251					50118	47611
- ACRYLIC	309.4366	1214	953	1179	1399	1647	1377	1257	1513					10539	10477
- OLEFIN	309.4371	83	104	534	498	165	174	40	99					1697	362
- OTHER	309.4341 & .4390	1350	1625	1750	2008	969	1907	1239	1632					12480	8525
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3713	2877	3289	3284	4091	3619	3596	3785					28254	20901
POLYESTER	309.3040 & .3340	441	215	65	421	305	376	426	701					2950	2225
ACRYLIC	309.3050 & .3350	1086	1331	1249	1664	1631	1698	992	1855					11506	8668
OTHER	309.3065 & .3365	106	33	159	24	638	31	94	165					1250	1302
SUBTOTAL ABOVE		**14342**	**14114**	**14856**	**16345**	**18651**	**18734**	**15242**	**19725**					**132009**	**128933**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2940	1991	1933	1842	2391	2267	1716	1344					16424	18213
- POLYESTER	309.6630	550	487	1073	637	470	1233	716	500					5666	6867
- ACRYLIC	309.6645	0	0	21	110	0	2	0	0					133	203
- OTHER	309.6660	221	273	392	157	271	260	101	241					1916	3525
NOILS & GARNETTED FIBERS	309.7000*	80	0	0	33	0	0	0	0					113	31
OTHER WASTE, ADVANCED	309.7525 - .7555	596	596	637	323	366	280	286	435					3519	3558
SUBTOTAL ABOVE		**4387**	**3347**	**4056**	**3102**	**3498**	**4042**	**2819**	**2520**					**27771**	**32397**
TOTAL MAN-MADE ABOVE		**31024**	**29880**	**31673**	**31092**	**34528**	**34993**	**30707**	**36309**					**260206**	**262066**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	0	0	0	0					+	2
- NONCELLULOSIC	310.1015[d] & .1205[e]	340	110	184	216	276	176	197	156					1655	2947
OTHER - CELLULOSIC	310.1030 & .1535[f]	15	21	5	34	19	22	15	42					173	388
- NONCELLULOSIC	310.1050 & .1070[g]	276	262	305	289	338	303	255	321					2349	2155
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	62	95	137	23	94	74	112	46					643	1152
- OTHER	310.4015 & .4027[i]	2503	1471	1826	1155	2219	2781	174	1751					13880	27500
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	2122	1933	1143	1956	1629	1099	2762	997					13641	17155
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	607	197	1714	585	661	789	600	556					5709	5897
SLIVER, TOPS & ROVING	309.9000	271	287	351	530	234	181	359	398					2611	4010
GLASS FIBER	309.2800 & .2900[k]	2526	2716	404	2483	2271	2344	2110	2469					17323	17658
GRAND TOTAL ABOVE		**39746**	**36972**	**37742**	**38363**	**42269**	**42762**	**37291**	**43045**					**318190**	**340930**

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Less than 1 thousand pounds.

* These items are not reported by the Census Bureau as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, 1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 11:
U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1984	1985	1986	1987	6 MOS 1988	1984	1985	1986	1987	6 MOS 1988
CELLULOSIC FIBERS											
FILAMENT YARN [a]											
TEXTURED	310.0004	129	101	102	614	132	337	298	242	1323	335
OTHER [b]	310.0026	8614	10412	7002	5428	5950	10051	13859	9207	7768	8410
MONOFILAMENTS	309.0110	12	79	228	285	220	66	178	651	413	457
STRIPS	309.2210	79	37	14	100	35	85	44	16	96	29
SUBTOTAL ABOVE		**8834**	**10629**	**7346**	**6427**	**6337**	**10539**	**14379**	**10116**	**9600**	**9231**
STAPLE+TOW-RAYON	309.4222	53882	35975	30887	32781	11028	37688	25546	21840	23369	8351
STAPLE-ACETATE	309.4219	2090	1849	1679	1721	1036	2337	2535	2182	2487	1305
SUBTOTAL ABOVE		**55972**	**37824**	**32566**	**34502**	**12064**	**40025**	**28081**	**24022**	**25856**	**9656**
WASTE, ADVANCED&NOT ADVANCED	309.7400	1632	1207	2222	1090	983	1062	801	1822	939	381
NONCELLULOSIC FIBERS											
YARN - SINGLES											
NYLON - TEXTURED	310.005 & .0007	32268	26894	24403	35048	25604	50916	39982	42863	64400	47798
- HIGH TENACITY [c]	310.0027	66732	69386	76870	78107	44433	62515	72294	81880	88840	59777
- OTHER	310.0029	13155	9357	10333	9142	5874	28217	19373	23099	22983	15180
POLYESTER - TEXTURED	310.0010	79753	135997	68753	25057	16920	93889	140792	69534	28774	21717
- HIGH TENACITY [c]	310.0032	9156	32137	23862	24961	12473	11064	29618	27087	29829	16127
- OTHER [d]	310.0034	5968	8934	2347	1794	1184	8371	9270	2410	2567	2032
OTHER - TEXTURED	310.0014	7673	10495	21122	18119	10493	12040	14470	27888	29402	15571
- OLEFIN	310.0040	340	555	1708	940	1294	485	766	1740	1087	1322
- OTHER	310.0044	5261	7766	6084	6799	4164	26909	32505	35562	40240	24585
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	2848	2364	5116	6663	4030	10435	9221	12901	16246	9379
POLYESTER	309.0140	3794	5759	6256	12294	11143	10141	14128	13387	21050	18682
OTHER	309.0170	11047	11955	4775	7453	4568	22912	17491	20821	33736	21956
STRIPS	309.2220 & .2270	4460	4204	3943	4805	2174	11398	13903	12945	18837	7360
SUBTOTAL ABOVE		**242455**	**325803**	**255572**	**231182**	**144354**	**349292**	**413813**	**372117**	**397991**	**261486**
STAPLE - NYLON	309.4240	14904	11100	15037	23447	9553	21685	13854	17288	24690	11509
- POLYESTER	309.4242	178903	176697	111270	168127	64613	116843	112222	68239	90039	41448
- ACRYLIC	309.4245	162285	150729	58397	67074	69151	114377	100146	40763	47571	49387
- OLEFIN	309.4246	4368	6974	14623	21433	11585	4088	5754	12670	17842	10005
- OTHER	309.4247	8555	10695	17410	35295	12609	30566	35401	57209	77415	38316
GROUPED FILAMENTS											
NYLON	309.3220	3048	1948	3701	5483	3345	8947	4635	9480	12681	7116
POLYESTER [d]	309.3240	23693	29155	21511	20573	10298	20749	23335	18135	18148	11663
ACRYLIC	309.3250 & .3255	33807	29214	21965	24497	19051	27202	24095	19498	19459	14760
SUBTOTAL ABOVE		**429563**	**416512**	**263914**	**365929**	**200205**	**344457**	**319442**	**243282**	**307845**	**184204**
WASTE, ADVANCED&NOT ADVANCED											
- NYLON	309.7620	12465	5601	8855	11686	8062	6494	3048	4441	6047	4093
- POLYESTER	309.7630	57371	46404	59265	56412	29273	22417	17722	24245	25423	13956
- ACRYLIC	309.7640	4620	4804	6399	9569	4895	1365	1286	1372	3045	2187
- OTHER	309.7660	15203	18836	49177	35860	20873	6385	6818	15315	12710	8099
SUBTOTAL ABOVE		**89659**	**75645**	**123696**	**113527**	**63103**	**36661**	**28874**	**45373**	**47225**	**28335**
TOTAL MAN-MADE ABOVE		**828115**	**867620**	**685316**	**752657**	**427046**	**782036**	**805390**	**696732**	**789456**	**493293**
GLASS FIBER	309.2700 & .9700	58101	58328	61160	85378	51516	56385	57787	66134	95496	58189
GRAND TOTAL ABOVE		**886216**	**925948**	**746476**	**838035**	**478562**	**838421**	**863177**	**762866**	**884952**	**551482**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes singles and plied yarn.

b. Includes rayon tire cord.

c. Includes noncellulosic tire cord.

d. Includes zero twist yarns.

TABLE 12:
U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1984	1985	1986	1987	6 MOS. 1988	1984	1985	1986	1987	6 MOS. 1988
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	1571	190	518	305	98	940	267	610	511	231
OTHER	310.0130 & .0230[a]	8245	12951	15669	12267	7468	12924	19129	24795	19226	13316
MONOFILAMENTS	309.0310 & .0610	5	19	20	12	2	20	44	68	77	7
STRIPS, $1/LB & UNDER	309.2000*	160	763	756	227	487	88	624	646	196	378
SUBTOTAL ABOVE		**9981**	**13923**	**16963**	**12811**	**8055**	**13972**	**20064**	**26119**	**20010**	**13932**
STAPLE	309.4320 & .4325	15388	11286	16453	12931	6957	10320	6844	12678	11128	5373
GROUPED FILAMENTS	309.3010 & .3310	1605	1022	975	893	532	2619	1471	1305	1600	728
SUBTOTAL ABOVE		**16993**	**12308**	**17428**	**13824**	**7489**	**12939**	**8315**	**13983**	**12728**	**6101**
WASTE, ADVANCED&NOT ADVANCED	**309.6615 & .7510**	**530**	**479**	**121**	**85**	**+**	**323**	**263**	**79**	**25**	**10**
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON											
LESS THAN 450 DENIER	310.0107 & .0207	} 17966	32352	2601	2035	1439	} 26141	35244	5025	4170	2728
450 DENIER AND OVER	310.0108 & .0208			33994	26755	9247			37305	29921	11015
- POLYESTER	310.0110 & .0210	10806	16642	14590	15580	7338	10513	14653	13029	15403	7313
- OTHER	310.0114 & .0214	8939	14723	20477	24088	12416	10536	15732	20187	23874	12719
OTHER - NYLON	310.0149 & .0249	30192	18350	22521	22839	8511	39222	23747	30781	36679	13982
- POLYESTER	310.0150 & .0250	15698	16728	22465	19425	10601	21121	20624	28831	25656	14112
- OTHER	310.0170 & .0270[b]	2468	2520	5130	6777	4567	4139	4203	7837	8804	6265
MONOFILAMENTS	309.0200 & .0330[c]	2857	2059	2722	3804	2383	8817	5537	8197	12236	8963
STRIPS, OVER $1/LB	309.2100 & .2500*	1066	1187	1557	2627	1670	5844	5886	6487	8601	5564
SUBTOTAL ABOVE		**89992**	**104561**	**126057**	**123930**	**58172**	**126333**	**125626**	**157679**	**165344**	**82661**
STAPLE - NYLON	309.4331 & .4351	38281	38544	51959	38955	10023	36579	34292	26229	42829	11873
- POLYESTER	309.4336 & .4361	22890	26800	40785	70721	35737	13272	15841	13456	40278	21928
- ACRYLIC	309.4366	13541	17611	17442	15716	7769	12568	16396	7799	13096	8887
- OLEFIN	309.4371	2213	5732	1871	514	1558	1630	3879	289	400	562
- OTHER	309.4341 & .4390	15412	25516	14238	12992	9609	11326	21283	4258	12810	12049
GROUPED FILAMENTS											
NYLON	309.3030 & .3200	23129	29514	38536	32248	20873	33524	40769	58505	50546	33096
POLYESTER	309.3040 & .3340	7104	4980	2354	3139	1823	6569	4715	2392	3767	2136
ACRYLIC	309.3050 & .3350	6929	7518	13065	13000	8659	15116	16548	31792	31152	21662
OTHER	309.3065 & .3365	1660	3231	2540	1700	991	2371	4313	3339	2991	1124
SUBTOTAL ABOVE		**131159**	**159446**	**182790**	**188985**	**97042**	**132955**	**158036**	**148059**	**197869**	**113317**
WASTE, NOT ADVANCED											
- NYLON	309.6625	31205	27162	22377	26926	13364	13876	10793	7755	8412	4421
- POLYESTER	309.6630	8042	7149	6304	9170	4450	1325	1143	878	1385	739
- ACRYLIC	309.6645	39	283	328	306	133	8	48	182	70	41
- OTHER	309.6660	4074	2072	8442	4666	1574	2027	607	2142	895	320
NOILS & GARNETTED FIBERS	309.7000*	458	155	164	162	113	254	101	123	83	52
OTHER WASTE, ADVANCED	309.7525 - .7555	6729	3852	2688	5727	2798	1912	890	702	1894	691
SUBTOTAL ABOVE		**50547**	**40673**	**40303**	**46957**	**22432**	**19402**	**13582**	**11782**	**12739**	**6264**
TOTAL MAN-MADE ABOVE		**299202**	**331390**	**383662**	**386592**	**193190**	**305924**	**325886**	**357701**	**408715**	**222285**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1506	1	1	1	5	+	7	7	15	44	+
- NONCELLULOSIC	310.1015[d] & .1205[e]	12223	9270	10221	3999	1302	17370	9955	11926	6471	2642
OTHER - CELLULOSIC	310.1030 & .1535[f]	173	390	478	553	116	723	937	1932	2622	1699
- NONCELLULOSIC	310.1050 & .1070[g]	2763	4032	4857	3314	1773	4447	6795	10007	7441	4623
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	1724	1739	1879	1541	485	2224	2100	3105	3199	1251
- OTHER	310.4015 & .4027[i]	35583	34260	44691	37128	11955	58127	54897	75910	68943	24059
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	7517	8912	16759	28029	9882	16210	15640	28555	46150	18165
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	5445	9283	4593	8338	4553	18111	28952	13846	31339	15259
SLIVER, TOPS & ROVING	309.9000	4544	1941	3298	5537	1854	4792	2334	4467	7085	3211
GLASS FIBER	309.2800 & .2900[k]	23083	34690	24404	29465	12744	19203	27850	23082	29283	15332
GRAND TOTAL ABOVE		**392258**	**435908**	**494843**	**504501**	**237854**	**447138**	**475353**	**530546**	**611292**	**308526**

Source: U.S. Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census Bureau as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, .1555, .1570, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 13:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION
THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. NC INDUSTRIAL YARN, MONOFIL & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988
AUSTRIA	0	0	0	13	0	0	29	5	77	5	1	0	32	20	47
BELGIUM/ LUXEMBOURG	1186	678	623	8504	8684	5836	14994	28638	15182	909	1169	628	9450	12218	4630
DENMARK	0	0	0	657	913	428	139	43	86	9	10	0	4192	664	667
FINLAND	0	0	0	31	223	83	757	520	523	1	1	0	184	233	275
FRANCE	8	21	38	2546	2328	1656	320	723	694	171	169	84	685	1841	1853
GERMANY, FED. REP. OF	55	157	42	1112	1328	768	7685	1890	711	144	133	78	2667	4211	2046
GREECE	0	13	0	21	27	0	15	13	0	0	20	0	154	95	0
ICELAND	0	0	0	0	0	0	0	0	0	0	0	0	95	221	119
IRELAND	0	0	0	973	100	0	663	772	0	0	0	0	444	875	0
ITALY	1	+	0	744	935	427	1376	2860	992	84	42	0	6509	9881	7198
NETHERLANDS	50	0	3	938	1196	566	303	1408	361	15	22	0	4693	4291	3516
NORWAY	0	0	0	393	71	51	296	428	34	76	41	30	171	241	168
PORTUGAL	0	20	0	620	160	122	255	70	2	0	0	0	0	0	32
SPAIN	0	25	0	963	2088	0	341	241	0	16	11	0	5832	5040	0
SWEDEN	0	0	3	333	244	97	479	1823	1063	28	26	8	1097	1540	897
SWITZERLAND	0	0	0	789	55	350	537	182	493	11	36	7	2798	5150	1995
TURKEY	1	0	0	33	796	0	27338	28777	0	87	0	0	4606	7609	0
UNITED KINGDOM	41	39	0	4259	4897	0	3892	6370	0	1599	269	0	1898	4098	0
OTHER	0	0	19	0	0	21	0	1	4	0	0	0	4	0	0
TOTAL WESTERN EUROPE	**1342**	**953**	**728**	**22929**	**24045**	**10405**	**59419**	**74764**	**20222**	**3155**	**1950**	**835**	**45511**	**58228**	**23443**
CZECHOSLOVAKIA	0	0	0	0	0	0	19	546	1477	0	0	0	0	450	400
GERMANY, DEM. REP.	0	0	0	1	0	1	0	0	0	0	0	0	7	0	0
HUNGARY	0	63	378	71	0	+	0	0	0	0	0	0	0	0	0
POLAND	0	0	0	110	387	459	2542	1400	1	203	662	0	5689	7566	8524
U.S.S.R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YUGOSLAVIA	0	0	0	1	0	0	1937	549	0	0	0	0	647	0	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EASTERN EUROPE	**0**	**63**	**378**	**183**	**387**	**460**	**4498**	**2495**	**1478**	**203**	**662**	**0**	**6343**	**8016**	**8924**
ARGENTINA	19	32	2252	201	248	1696	130	249	1823	144	93	8	323	455	37559
BOLIVIA	0	67	0	118	126	30	44	9	5	0	0	0	321	670	34
BRAZIL	132	175	33	1586	1531	455	1474	1027	848	66	255	3	1226	637	438
CANADA	3719	2745	1084	18905	28718	19684	9320	10325	6005	323	950	225	58730	88387	41990
CHILE	6	0	3	509	129	27	214	143	87	2059	1660	129	13893	13957	8489
COLOMBIA	0	25	0	884	406	91	520	1440	1181	4215	3508	869	13909	19496	2350
COSTA RICA	0	3	0	6454	3717	0	380	35	0	107	37	0	1687	2967	0
DOMINICAN REPUBLIC	2	156	23	1642	1936	3103	294	48	195	22	0	4	526	790	2918
ECUADOR	170	172	0	1205	571	380	75	139	17	67	686	59	8869	8828	4516
EL SALVADOR	2	0	0	4873	758	3	729	1215	94	241	43	453	4488	3689	2697
GUATEMALA	0	21	0	1647	1555	901	151	38	1	0	0	119	2496	6769	2893
HAITI	0	1	0	202	272	74	713	737	0	6	1	3	9	6	0
HONDURAS	0	0	0	1688	556	71	85	20	10	4	3	0	386	2167	1123
JAMAICA	5	0	0	476	441	175	17	14	7	0	0	0	1	43	30
LEEWARD & WINDWARD ISL	0	0	0	27	0	+	1	0	0	0	0	0	9	5	1
MEXICO	205	50	97	675	1737	1102	1381	2223	2086	9926	9142	7219	16576	22341	7298
NICARAGUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANAMA	0	0	0	159	155	0	126	133	0	0	0	0	94	60	0
PARAGUAY	0	0	0	9	0	0	0	1	0	0	0	0	9	0	0
PERU	4	5	0	167	196	63	1423	536	111	137	429	20	482	451	0
TRINIDAD	0	0	0	1	2	22	6	52	2	0	0	0	8	8	2
URUGUAY	0	169	0	175	94	44	6	3	1	0	34	0	371	499	349
VENEZUELA	7	23	6	2254	1201	716	435	153	437	8346	7808	1084	4116	4486	599
OTHER	0	0	0	18	90	2406	9	5	16121	+	4	6	38	19	3544
TOTAL OTHER AMERICAS	**4271**	**3644**	**3498**	**43875**	**44439**	**31043**	**17533**	**18545**	**29031**	**25663**	**24653**	**10201**	**128569**	**176730**	**116830**

See footnotes opposite.

TABLE 13:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(CONTINUED)*
THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. NC INDUSTRIAL YARN, MONOFIL & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988	1986	1987	6 MOS. 1988
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
HONG KONG	13	5	4	754	600	319	290	361	320	101	37	10	8873	9312	6304
INDIA	104	140	85	485	231	87	2346	2808	1624	97	52	101	2971	2366	805
INDONESIA	0	0	0	113	0	0	5041	3091	0	0	0	0	759	586	0
KOREA, REP. OF	0	37	0	389	381	0	785	1062	0	0	133	0	8889	19042	0
MALAYSIA	1	0	13	0	4	0	1	0	10	0	0	33	15	52	275
PAKISTAN	0	19	0	21	347	264	44	42	0	0	37	0	430	1434	345
PHILIPPINES	10	8	10	200	470	54	925	1593	521	5	7	5	4634	5212	2836
SINGAPORE	1	0	0	5	339	1	526	216	482	1	40	3	292	599	96
TAIWAN	2	262	644	787	1782	246	4567	3366	2051	309	969	294	13108	13198	13212
THAILAND	100	56	0	22	48	87	199	230	160	0	0	0	1948	11698	2249
TOTAL OTHER ASIA	**231**	**527**	**756**	**2776**	**4202**	**1058**	**14724**	**12838**	**5168**	**513**	**1275**	**446**	**41919**	**63501**	**26122**
CHINA, PRC	**0**	**417**	**0**	**44600**	**760**	**0**	**60**	**3**	**0**	**2511**	**5375**	**0**	**20012**	**39144**	**0**
JAPAN	**3**	**88**	**47**	**2421**	**3732**	**3884**	**12687**	**15050**	**10206**	**207**	**412**	**88**	**4002**	**4215**	**3607**
ALGERIA	0	0	0	0	0	82	2	0	0	0	0	13	0	1	0
AUSTRALIA	1303	392	325	8524	8222	5979	1569	1542	1051	201	145	51	3678	6476	4276
CAMEROON	0	0	0	80	132	67	0	0	0	0	0	0	0	0	0
EGYPT	0	0	0	1583	1611	132	869	88	150	0	0	0	6955	4708	262
IRAQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	70	10	54	3187	3055	704	7556	7913	3082	9	3	3	1853	2158	330
JORDAN	0	57	0	85	1	25	0	0	0	0	0	0	0	0	0
KENYA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LEBANON	0	28	0	0	78	196	308	123	151	0	0	0	0	0	0
MOROCCO	0	0	0	913	1064	1168	808	0	13	0	0	0	1663	507	0
MOZAMBIQUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW ZEALAND	0	6	7	975	2273	556	419	313	102	12	+	0	485	406	271
NIGERIA	28	0	0	1744	111	111	0	10	9	42	0	0	69	567	308
QATAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	3	86	749	15	45	24	0	0	0	149	589	258
SOUTH AFRICA	34	190	36	219	415	649	32	37	52	50	27	3	2460	320	1334
SUDAN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
SYRIA	64	52	0	426	2170	2360	164	254	159	0	0	0	48	12	0
TANZANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	54	0	68	0	231	1	0	0	0	0	0	0
UNITED ARAB EMIRATES	0	0	0	0	0	0	1	0	0	0	0	0	6	0	0
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	21	9	0	0	0	0	0	0	0	19	341	0
OTHER	0	0	508	152	107	5837	158	32	7922	0	0	424	172	8	14240
TOTAL M.E., A., & O..	**1499**	**735**	**930**	**17966**	**19334**	**18683**	**11901**	**10588**	**12716**	**314**	**175**	**494**	**17558**	**16094**	**21279**
GRAND TOTAL	**7346**	**6427**	**6337**	**134750**	**96899**	**65533**	**120822**	**134283**	**78821**	**32566**	**34502**	**12064**	**263914**	**365929**	**200205**

SOURCE: U.S. Census Bureau Report EM546.

\+ Less than 1 thousand pounds.

The commodity numbers are :

A. 309.0110, .2210, 310.0006 & .0026.

B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219 & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 14:
FILAMENT YARN DOMESTIC SHIPMENTS [a]

MILLION POUNDS

ITEM		ANNUAL DATA 1984	1985	1986	1987	QUARTERLY DATA 1987 1ST Q	2ND Q	3RD Q	4TH Q	1988 1ST Q	2ND Q	3RD Q	4TH Q
(C) CELLULOSIC YARN [j]		*(N) NYLON*				*(P) POLYESTER*				*(O) OLEFIN*			
HOSIERY [b]	N	101.5	98.1	95.1	93.2	23.6	23.5	23.8	22.3	23.1	24.9		
OTHER CIRCULAR KNIT [c]	N	17.6	12.9	21.3	25.3	7.7	7.0	6.1	4.5	7.1	6.4		
	P	174.7	151.2	150.3	102.8	21.1	28.8	27.3	25.6	25.6	28.2		
	C	2.3	2.6	2.0	1.1	0.4	0.3	0.2	0.2	0.2	0.2		
FLAT KNIT	C	67.2	53.0	47.8	27.9	8.7	8.1	5.0	6.1	5.7	7.7		
	N	135.2	143.6	133.8	131.4	32.0	32.6	33.2	33.6	31.2	33.1		
	P	137.3	160.8	167.1	162.5	37.5	40.6	41.3	43.1	39.2	43.0		
CARPET FACE	N	770.2	815.4	881.4	916.0	228.5	235.4	246.1	206.0	228.2	233.8		
	O	154.1	202.1	215.7	244.5	58.4	60.8	63.0	62.3	65.1	77.3		
CARPET BACKING [d]	O	227.8	354.6	404.1	425.3	98.1	106.9	110.2	110.1	107.9	103.6		
OTHER BROAD WOVEN [e]	C	108.8	111.3	126.3	122.8	26.3	31.7	31.4	33.4	31.0	35.2		
	N	90.7	71.4	76.2	79.4	17.7	19.6	21.4	20.7	20.3	17.6		
	P	392.2	420.1	344.4	379.4	94.7	97.0	91.8	95.9	89.8	95.5		
	O	190.3	225.7	271.5	317.7	68.9	77.1	80.3	91.4	84.9	83.7		
NARROW WOVEN [f]	C	0.7	1.5	2.0	2.2	0.4	0.4	0.4	1.0	1.5	1.1		
	N	39.9	31.1	33.9	42.1	10.2	11.3	10.6	10.0	11.1	11.1		
	P	38.7	40.0	44.0	66.2	12.7	17.1	18.7	17.7	15.2	18.9		
	O	14.9	15.2	17.5	17.7	4.1	3.6	4.6	5.4	4.7	4.8		
TIRES, INCL. CHAFER [g]	N	172.9	146.0	134.2	143.0	38.8	32.5	35.9	35.8	34.8	33.1		
	P	174.4	155.5	159.3	162.8	40.1	40.5	40.9	41.3	41.3	44.2		
OTHER RUBBER INDUSTRY [c g]	N	20.9	15.3	15.2	16.4	3.8	4.4	4.0	4.2	6.1	4.7		
	P	32.7	31.2	27.2	34.5	8.6	8.8	8.7	8.4	6.7	6.2		
ROPE, CORDAGE & FISHLINE	N	35.0	35.3	36.4	37.9	9.2	9.8	10.4	8.5	9.7	9.7		
	P	15.7	13.8	13.0	13.4	3.4	3.1	3.5	3.4	3.7	3.1		
	O	106.9	108.2	106.3	106.7	25.0	28.2	24.5	29.0	27.9	25.5		
ALL OTHER [h]	C	1.1	18.7	14.0	12.8	3.4	3.1	3.2	3.1	3.0	3.1		
	N	54.2	48.3	52.1	69.6	17.8	18.7	14.3	18.8	16.8	21.1		
	P	179.2	231.7	187.1	191.8	48.7	49.3	48.6	45.2	45.2	52.8		
	O	31.6	31.8	34.1	23.6	7.0	5.2	4.9	6.5	7.8	7.6		
TOTAL ABOVE	**C**	**180.1**	**187.1**	**192.1**	**166.8**	**39.2**	**43.6**	**40.2**	**43.8**	**41.4**	**47.3**		
	N	**1438.1**	**1417.4**	**1479.6**	**1554.3**	**389.3**	**394.8**	**405.8**	**364.4**	**388.4**	**395.5**		
	P	**1144.9**	**1204.2**	**1092.4**	**1113.4**	**266.8**	**285.2**	**280.8**	**280.6**	**266.7**	**291.9**		
	O	**725.6**	**937.6**	**1049.2**	**1135.5**	**261.5**	**281.8**	**287.5**	**304.7**	**298.3**	**302.5**		
TOTAL DOMESTIC		**3488.7**	**3746.3**	**3813.3**	**3970.0**	**956.8**	**1005.4**	**1014.3**	**993.5**	**994.8**	**1037.2**		
ALSO DIVIDED AS													
APPAREL		*1072.1*	*1064.7*	*949.4*	*932.3*	*225.7*	*248.1*	*230.6*	*227.9*	*223.0*	*237.0*		
HOME FURNISHINGS		*1354.2*	*1624.9*	*1746.8*	*1836.3*	*442.0*	*467.1*	*482.5*	*444.7*	*463.0*	*485.0*		
INDUSTRIAL		*1062.4*	*1056.7*	*1117.1*	*1201.4*	*289.1*	*290.2*	*301.2*	*320.9*	*308.8*	*315.2*		
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET) [i]													
NYLON		118.7	114.9	115.8	NA	NA	NA	NA	NA	NA	NA		
POLYESTER		675.5	776.3	634.6	626.3	149.3	165.8	156.1	155.1	146.7	159.2		
OLEFIN		23.3	22.3	22.9	26.6	6.1	6.9	6.0	7.6	6.4	6.4		

NA No longer available.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small quantities of polyester and cellulosic yarn are included in All Other.

c. Small quantities of olefin are included in All Other.

d. Small quantities of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Cellulosic yarn quantities included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin quantities include sliver knit backing. Also includes indirect exports.

i. These quantities are included in the Total Domestic area above.

j. Data for 1984 contain acetate yarn only. Data for 1985-1988 contain acetate and rayon yarn.

TABLE 15:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA 1987				1988			
		1984	1985	1986	1987	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
(R) RAYON	*(N) NYLON*	*(A) ACRYLIC+MODACRYLIC*				*(P) POLYESTER*				*(O) OLEFIN*			
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	204.8	197.2	228.8	192.4	57.0	51.4	44.6	39.4	47.5	46.7		
	NPR	6.6	5.5	5.1	3.5	0.8	0.8	0.9	1.0	0.8	0.7		
PILE FABRICS[b]	A	30.0	24.5	23.2	20.8	5.6	5.7	5.1	4.4	5.0	5.7		
	P	18.4	14.9	15.0	19.7	4.4	5.1	6.2	4.0	3.9	3.6		
OTHER CIRCULAR KNIT + FLAT KNIT[c]	R	4.3	5.5	4.7	3.7	1.2	1.3	0.6	0.6	0.5	0.3		
	A	118.5	139.1	196.3	185.1	55.7	53.8	42.9	32.7	37.8	39.6		
	P	283.0	295.5	367.8	453.3	115.2	117.6	106.3	114.2	109.9	112.6		
BLANKETS[b]	A	25.2	30.2	26.7	25.7	5.9	6.6	7.6	5.6	6.4	5.6		
	P	5.5	6.2	3.7	9.2	1.3	1.8	2.8	3.3	1.8	1.4		
OTHER BROAD WOVEN	R	177.7	174.9	218.0	230.7	52.9	55.2	59.9	62.7	58.7	60.5		
	N	42.5	37.4	37.0	38.7	9.2	8.1	11.1	10.3	8.1	7.9		
	A	29.5	38.2	35.3	41.7	9.9	10.9	10.1	10.8	10.4	9.6		
	P	1039.1	864.9	885.6	839.2	205.3	218.1	202.9	212.9	216.0	212.8		
	O	22.1	26.9	18.0	20.2	4.8	4.7	5.5	5.2	4.6	3.8		
CARPET FACE YARNS[f]	R	0.3	0.5	0.4	+	+	+	0	0	0.2	0.1		
	N	751.0	773.9	837.8	905.1	230.2	239.3	230.6	205.0	f	f		
	P	131.4	126.8	145.0	209.0	46.8	50.7	51.4	60.1	66.1	69.0		
	O	96.5	107.4	117.2	116.2	24.3	28.9	31.5	31.5	30.3	35.4		
FIBERFILL[d]	P	276.1	281.1	294.9	348.6	88.9	80.7	83.6	95.4	82.1	81.9		
FLOCK	NP	9.2	5.3	5.9	5.5	1.6	1.0	1.3	1.6	1.6	1.6		
	R	2.7	1.8	1.8	0.9	0.5	0.4	0	0	+	+		
NONWOVENS[e]	R	126.3	113.5	125.4	124.4	31.1	28.6	31.8	32.9	35.4	36.0		
	N	2.8	2.5	2.1	1.9	0.4	0.4	0.5	0.6	0.4	0.5		
	P	177.2	162.5	175.3	204.2	48.7	47.7	51.4	56.4	63.1	58.9		
	[g] VINYON+O	119.2	135.8	166.2	198.0	49.4	50.4	47.8	50.4	46.0	46.9		
ALL OTHER	R	18.8	25.9	20.8	22.7	6.0	5.3	5.4	6.0	6.9	5.0		
	N	9.4	11.2	11.9	14.8	4.6	4.4	2.8	3.0	229.0	214.0		
	A	38.7	29.5	20.9	13.6	5.3	3.2	2.5	2.6	1.9	2.1		
	P	56.2	116.9	108.3	115.0	23.3	27.6	32.1	32.0	19.7	31.5		
	[g] VINYON+O	3.1	9.6	11.3	6.7	2.6	1.7	1.3	1.1	2.9	1.5		
TOTAL ABOVE	**R**	**331.9**	**323.7**	**373.0**	**383.1**	**91.8**	**91.0**	**97.9**	**102.4**	**101.9**	**102.0**		
	N	**814.4**	**830.3**	**894.9**	**966.0**	**246.2**	**253.2**	**246.2**	**220.4**	**238.8**	**223.8**		
	A	**446.7**	**458.7**	**531.2**	**479.3**	**139.4**	**131.6**	**112.8**	**95.5**	**109.0**	**109.3**		
	P	**1992.2**	**1872.7**	**1998.6**	**2201.0**	**534.4**	**549.9**	**537.5**	**579.2**	**563.5**	**572.5**		
	[g] VINYON+O	**240.9**	**279.7**	**312.7**	**341.1**	**81.1**	**85.7**	**86.1**	**88.2**	**83.8**	**87.6**		
TOTAL DOMESTIC		**3826.1**	**3765.1**	**4110.4**	**4370.5**	**1092.9**	**1111.4**	**1080.5**	**1085.7**	**1097.0**	**1095.2**		
ALSO DIVIDED AS													
APPAREL		*1277.2*	*1255.0*	*1489.3*	*1479.9*	*386.0*	*388.9*	*351.3*	*353.7*	*355.8*	*358.7*		
HOME FURNISHINGS		*1559.0*	*1536.9*	*1625.8*	*1755.8*	*425.1*	*450.6*	*448.3*	*431.8*	*453.5*	*443.4*		
INDUSTRIAL		*989.9*	*973.2*	*995.3*	*1134.8*	*281.8*	*271.9*	*280.9*	*300.2*	*287.7*	*293.1*		

a. Olefin quantities are included in All Other.
b. Rayon and nylon quantities are included in All Other.
c. Nylon quantities are included in All Other.
d. Rayon, acrylic and nylon quantities are included in All Other.
e. Wet & dry laid and needled batts only.
f. Acrylic and nylon quantities are included in All Other.
g. 1987-1988 data exclude Vinyon.

TABLE 16:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1988	1987
MAN-MADE FIBER TOTAL SHIPMENTS[b,c]														
CELLULOSIC														
YARN	15.9	16.1	18.1	19.4	18.3	17.5	19.1	18.6	18.1				161.1	140.0
RAYON STAPLE	32.6	35.9	38.5	35.5	36.4	36.2	29.1	36.1	34.3				314.6	309.6
TOTAL CELLULOSIC	**48.5**	**52.0**	**56.6**	**54.9**	**54.7**	**53.7**	**48.2**	**54.7**	**52.4**				**475.7**	**449.6**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	27.5	32.1	34.8	32.2	30.8	32.4	32.4	28.8	29.2				280.2	281.0
- CARPET	72.6	80.7	84.6	80.7	81.9	79.3	73.7	89.4	87.7				730.6	726.2
- TEXTILE[f]	30.0	31.2	34.5	31.7	32.0	32.6	27.7	32.5	32.5				284.7	286.4
POLYESTER - INDUSTRIAL[d]	26.5	29.3	30.7	31.3	29.4	32.3	29.3	29.0	29.5				267.3	252.6
- TEXTILE[f]	62.9	68.4	67.7	74.3	71.9	70.5	70.2	66.7	69.1				621.7	630.8
OLEFIN[e]	97.2	101.4	102.4	102.7	102.9	102.8	89.0	103.6	108.1				910.1	837.0
TOTAL YARN	**316.7**	**343.1**	**354.7**	**352.9**	**348.9**	**349.9**	**322.3**	**350.0**	**356.1**				**3094.6**	**3014.0**
STAPLE+TOW+FIBERFILL														
NYLON	78.0	81.7	83.4	71.0	77.9	79.2	75.0	90.0	81.3				717.5	759.6
ACRYLIC+MODACRYLIC	48.5	52.8	55.4	45.4	45.6	47.4	42.1	53.2	51.8				442.2	447.5
POLYESTER	190.4	200.4	195.3	212.1	195.8	195.7	190.9	195.7	202.1				1778.4	1755.3
OLEFIN	29.1	29.6	30.7	29.8	31.2	32.4	26.9	32.1	30.2				272.0	270.9
TOTAL STAPLE	**346.0**	**364.5**	**364.8**	**358.3**	**350.5**	**354.7**	**334.9**	**371.0**	**365.4**				**3210.1**	**3233.3**
TOTAL NONCELLULOSIC	**662.7**	**707.6**	**719.5**	**711.2**	**699.4**	**704.6**	**657.2**	**721.0**	**721.5**				**6304.7**	**6247.3**
TOTAL MAN-MADE FIBER	**711.2**	**759.6**	**776.1**	**766.1**	**754.1**	**758.3**	**705.4**	**775.7**	**773.9**				**6780.4**	**6696.9**
MAN-MADE FIBER END OF MONTH STOCK														
CELLULOSIC														
YARN	12.3	13.3	13.2	14.0	12.8	12.4	13.4	11.6	11.5				11.5	12.9
RAYON STAPLE	23.5	22.5	20.3	18.0	16.5	13.4	15.5	13.7	13.3				13.3	18.2
TOTAL CELLULOSIC	**35.8**	**35.8**	**33.5**	**32.0**	**29.3**	**25.8**	**28.9**	**25.3**	**24.8**				**24.8**	**31.1**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	26.6	25.7	23.5	23.3	25.2	24.7	28.1	30.4	30.5				30.5	22.8
- CARPET	72.0	66.5	67.0	67.1	70.2	71.9	78.0	61.9	58.1				58.1	45.2
- TEXTILE[f]	54.6	53.1	50.0	49.7	51.2	50.4	55.3	55.2	54.2				54.2	45.7
POLYESTER - INDUSTRIAL[d]	29.8	29.2	28.8	29.6	30.5	29.2	33.3	32.4	31.4				31.4	25.2
- TEXTILE[f]	82.5	81.5	79.5	77.3	79.7	82.9	94.4	94.4	90.2				90.2	87.2
OLEFIN[e]	54.4	55.0	53.5	54.1	54.5	54.0	55.3	53.7	52.0				52.0	53.0
TOTAL YARN	**319.9**	**311.0**	**302.3**	**301.1**	**311.3**	**313.1**	**344.4**	**328.0**	**316.4**				**316.4**	**279.1**
STAPLE+TOW+FIBERFILL														
NYLON	63.4	64.7	57.5	64.4	60.5	65.2	66.5	60.6	45.3				45.3	64.4
ACRYLIC+MODACRYLIC	62.4	58.8	55.4	57.9	63.7	67.9	72.8	67.3	62.3				62.3	68.7
POLYESTER	173.7	168.3	157.8	161.8	167.4	173.7	205.7	194.9	188.6				188.6	164.2
OLEFIN	32.5	33.7	35.0	35.8	37.8	36.1	38.5	38.4	32.8				32.8	32.5
TOTAL STAPLE	**332.0**	**325.5**	**305.7**	**319.9**	**329.4**	**342.9**	**383.5**	**361.2**	**329.0**				**329.0**	**329.8**
TOTAL NONCELLULOSIC	**651.9**	**636.5**	**608.0**	**621.0**	**640.7**	**656.0**	**727.9**	**689.2**	**645.4**				**645.4**	**608.9**
TOTAL MAN-MADE FIBER	**687.7**	**672.3**	**641.5**	**653.0**	**670.0**	**681.8**	**756.8**	**714.5**	**670.2**				**670.2**	**640.0**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.9	11.7	14.1	11.3	11.5	13.5	11.6						86.6	93.5
CARPET CLASS WOOL	1.4	1.5	1.6	1.4	1.4	1.1	1.1						9.5	7.4
TOTAL RAW WOOL	14.3	13.2	15.7	12.7	12.9	14.6	12.7						96.1	100.9
RAW COTTON	300.0	311.4	339.3	278.0	302.6	297.4	222.4						2051.1	2125.5

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.